

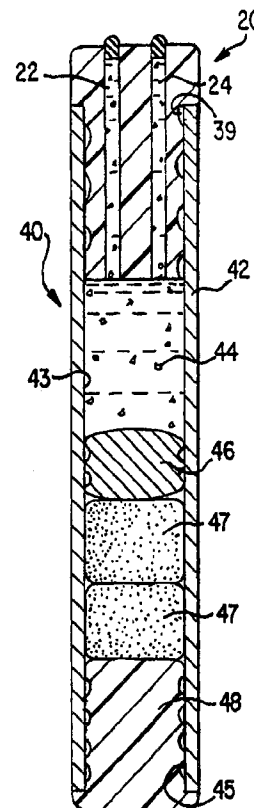


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(21) International Application Number: PCT/US98/14813 (22) International Filing Date: 24 July 1998 (24.07.98) (30) Priority Data: 60/053,690 25 July 1997 (25.07.97) US (71) Applicant (for all designated States except US): ALZA CORPORATION [US/US]; 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): PETERSON, Lewis, L. [US/US]; 240 Lindenbrook Road, Woodside, CA 94062 (US). MARUYAMA, Frederick, H. [US/US]; 1758 Conrad Avenue, San Jose, CA 95124 (US). DEHNAD, Houdin [IR/US]; 507 Vallejo Street, El Granada, CA 94018 (US). HOM, Lawton [CN/US]; Apartment 5, 204 Hugo Street, San Francisco, CA 94122 (US). LY, Kevin, s. [US/US]; 828 Saraband Way, San Jose, CA 95122 (US). DAVIS, Craig, R. [US/US]; 5237 Orkney Court, Newark, CA 94560 (US). PEERY, John, R. [US/US]; P.O. Box 5128, Stanford, CA 94039 (US).		(74) Agents: CLARKE, Pauline, Ann et al.; Alza Corporation, 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> (88) Date of publication of the international search report: 8 April 1999 (08.04.99)

(54) Title: OSMOTIC DELIVERY SYSTEM FLOW MODULATOR APPARATUS**(57) Abstract**

An osmotic delivery system flow modulator assembly, an osmotic delivery system with a flow modulator assembly, and a method of assembling an osmotic delivery system. The osmotic delivery system flow modulator assembly includes a body having a hole located through the body and communicating two opposing ends of the body. The use of the osmotic delivery system flow modulator assembly lessens the chance that air or gas pockets will form in the enclosure of the osmotic delivery system during assembly of the system. Because less air is within the osmotic delivery system, performance of the system is enhanced. Use of the flow modulator assembly also lessens the chance that beneficial agent will be wasted during assembly of the osmotic delivery system.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/14813

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A61K9/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 94 09743 A (R.P.SCHERER CORPORATION) 11 May 1994 see the whole document see page 7, line 2 - line 14 ---	1-55
A	WO 91 07160 A (MEDICORP HOLDING S.A.) 30 May 1991 see page 6, line 4 - page 8, line 3 see figures 1-3 -----	1-55

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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